

**California Department of Transportation  
Storm Water Management Program  
Regional Work Plan  
Lahontan Region 6**

**Fiscal Year  
2006-2007**

**CTSW-RT-06-132-16.1**



**California Department of Transportation  
Division of Environmental Analysis  
Storm Water Management Program  
500 South Main Street, Bishop, California 93514**

**<http://www.dot.ca.gov/hq/env/stormwater>**

**April 1, 2006**



*Bishop, California after a winter storm*


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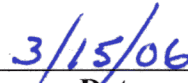
**California Department of Transportation  
District 9 Certification**

**Regional Work Plan 2006-2007**

**California Regional Water Quality Control Board  
Lahontan Region 6**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

  
\_\_\_\_\_  
**Thomas P. Hallenbeck**  
**District 9 Director**

  
\_\_\_\_\_  
**Date**

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## **1.0 INTRODUCTION**

### ***General Information about this Regional Work Plan (RWP)***

The Regional Work Plan (RWP) provides region-specific information Water bodies, Best Management Practices (BMPs), and monitoring programs for the California Department of Transportation District 9, Lahontan Region 6. The purpose of the RWP is to describe how the California Department of Transportation (Department) will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board (RWQCB) during Fiscal Year 2006-2007 as required by the Department Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

### ***Goals and Commitments***

The current goals of the District is to extend public outreach within the District and to clarify roles and responsibilities within the Storm Water Management Program. To achieve these goals, the District is committed to continuing the public service campaign it started four years ago. The intent is to bring the urgency of eliminating pollution from storm water run-off to the forefront of the public and contractors.

### ***Major Changes***

The District is in the process of upgrading its field and office equipment, so they are up to date.

### ***Documentation***

The District is in the process of updating its goals and commitments for the upcoming fiscal year through the Regional Work Plan.

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## **2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES**

### ***District Program Manager***

The Storm Water Program Manager is the Deputy District Director for Planning. The Manager is accountable for establishing an effective storm water program and maintaining a liaison with Headquarters and other District Program Managers (and Deputy District Directors) for the purpose of effective communication, collaboration, and coordination of storm water activities. The Program Manager provides support, direction, and guidance to the District Storm Water Coordinator (DSWC). The responsibilities of the District Storm Water Program Manager include:

- Direct District operations regarding storm water.
- Align District efforts to achieve compliance with the NPDES permit.
- Be the ultimate signatory authority in the District for all compliance documents and commitments regarding storm water management.

### ***District Storm Water Coordinator***

Under the general direction of the District Storm Water Program Manager, the DSWC is responsible for developing District storm water quality policies and guidance, and daily management of the District's storm water quality program. The DSWC is responsible for identifying issues and developing recommendations related to storm water quality, regulated wastes, and other environmental issues that affect the District. The DSWC supervises staff, which supports and executes activities of the DSWC and the Storm Water Program. The specific storm water tasks for which the DSWC is responsible include:

- Develop the Regional Work Plan and Annual Report.
- Provide guidance and direction for the preparation, development, and implementation of a comprehensive District Storm Water Program, as described in the RWP.
- Determination and evaluation of storm water impacts during California Environmental Quality Act and/or National Environmental Policy Act (CEQA/NEPA) screening.
- Ensure accuracy and adequacy of the storm water workload allocations for each fiscal year.
- Coordinate and track resource distributions, workloads, and projects within the District.
- Assist the District functional units in prioritizing, monitoring, tracking, and evaluating storm water resources, activities, and operations.
- Implement a quality assurance and quality control program for monitoring the activities of the District functional units, in order to ensure that the conditions of the Permit, SWMP, and RWP are implemented properly.

- Provide guidance and direction necessary to develop strategies for addressing regulations and mandates on storm water and waste discharges set forth by federal, state, and local regulatory agencies.
- Work as the primary liaison, “single point of contact,” on storm water and waste discharge issues between the District and Headquarters, the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other agencies.
- Represent the District at the Storm Water Advisory Teams (SWATs) identified in the SWMP.
- Monitor and evaluate the storm water activities and procedures of municipalities, developers, and other agencies.
- Establishes impartial and equitable decisions that benefit the Department in attaining the objectives of the Storm Water Program.
- Work as leader and chairperson of the District Storm Water Management Committee (SWMC).
- Prepare and submit Illicit Connection/Discharge Reports for Construction and Maintenance.

### ***Environmental Engineering Coordinator***

The Environmental Engineering (EE) Coordinator is responsible for communicating with the DSWC and the EE Office Chief for the proper implementation of the environmental engineering portion of the SWMP and RWP. The specific storm water tasks for which the EE Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during California Environmental Quality Act and/or National Environmental Policy Act (CEQA/NEPA) screening.
- Evaluation and recommendation of permanent control and treatment measures for addressing project storm water impacts.
- Preparation of contract specifications and estimates to address development of Storm Water Pollution Prevention Plans (SWPPPs).
- Preparation of contract plans, specifications, and estimates (PS&E) to address temporary controls for non-storm water discharges and waste management activities.
- Assistance to the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- The EE coordinator, as a member of the SWMC, is also responsible for compiling and providing to the District Storm Water Coordinator, all EE related input required for the annual report, preparation of RWP and other permit related documents and reports.

## ***Maintenance Coordinator***

District Maintenance Storm Water Coordinators serve as a point of contact for the District NPDES Coordinator (DNC); review storm water programs for elements related to the Division of Maintenance; monitor and evaluate BMP implementation and effectiveness for Maintenance activities; participate in meetings that potentially impact Maintenance; coordinate storm water training for District Maintenance staff; and collect, compile, analyze, and prepare materials for the District's maintenance portion of the Annual Report.

## ***Construction Coordinator***

Under the general direction of the Division of Construction, the Construction Storm Water Coordinator (CSWC) is responsible for developing storm water quality policies and guidance, and daily management of Construction's storm water quality program. The CSWC ensures that the construction division in the District has the current guides, manuals, and policies relating to storm water issues. The CSWC is responsible for the proper implementation of the SWMP and the RWP within Construction. The CSWC supervises staff, which implements the program requirements in the field during the construction phase. The specific tasks for which the CSWC will be responsible include:

- Work as the primary point of contact for storm water issues during the construction phase.
- Review Storm Water Pollution Prevention Plans (SWPPP).
- Track critical compliance milestones that occur before and during the course of construction.
- Conduct final project closeout inspections.
- Submit the Notice of Completions for SWPPP projects
- Submit approved SWPPPs to the RWQCBs as requested.
- Submit reports to the RWQCBs as requested.
- Provide oversight inspections for SWPPP projects.
- Prepare and submit Threat of Discharge reports.
- Represent Construction in the District's SWMC Meetings.
- Provide input to the Annual Report.
- Participate on the Construction SWAT defined in the SWMP

The CSWC ensures that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented. The CSWC serves as the primary conduit for information during the construction phase for the RWQCBs, Headquarters Construction, and construction field staff. The CSWC supports the design related functional units in determining specific project needs and evaluation of water pollution control measures in the field.

### ***Landscape Architecture Coordinator***

The District Landscape Architect (DLA) is the vegetation specialist and provides erosion control recommendations for design and construction of projects in District 9. The DLA is required to sign the Storm Water Data Report (SWDR) at the conclusion of the PID, the PA/ED, and the PS&E phases. All projects incorporating new slopes steeper than 1:4 (v:h) must have an erosion control plan developed or approved by the DLA. Erosion prevention and storm water pollution prevention BMPs are incorporated into the project's landscaping or revegetation plan. The DLA is also responsible for the preparation and design of seed mixes and other erosion control materials for revegetation projects and provides field and technical support to Construction, Maintenance, and Permits when requested.

### ***Right-of-Way Coordinator***

The Right of Way Coordinator is currently a District Branch Chief of Property Management. This Coordinator is responsible to:

- Attend all SWMC meetings to report on Right of Way activities.
- Ensure that storm water training is available to Right of Way Agents tasked with property inspection responsibilities.
- Ensure that regular property inspections include storm water inspections.
- Maintain documentation of the inspection findings and corrective actions.
- Prepare a summary of completed storm water property inspections for use in Annual Reports.
- Disseminate information and answer questions regarding Department storm water policy to all Right of Way staff involved in storm water inspections.
- Notify the SWMC and/or the DSWC of discharges or situations that appear to be in gross violation of Department's Permit, SWMP, or RWP.
- Report instances where Right of Way may conduct construction activities that require the development of a SWPPP and related notification.

### ***Engineering Services (Hydraulics) Representative***

The Hydraulics Representative (HR) is a member of the SWMC responsible for providing project specific information on permanent control measures that are being planned, designed, and implemented in projects. The Hydraulics representative helps to answer questions regarding erosion, culvert condition, culvert questions and/or problems, and general drainage concerns. If the field teams cannot address a problem then the HR will assess the situation and offer recommendations for correction. The HR is also responsible for providing input and review of Annual Reports and RWPs. The HR ensures that the design processes utilized by the Hydraulics Branch are consistent with the RWP and the SWMP, especially those processes related to the evaluation, selection, and design of permanent control and treatment control measures.

### ***Public Affairs Coordinator***

The Public Information Officer (PIO) is responsible for the preparation and dissemination of information about District Storm Water activities to the media, elected officials, the public, employees, and to functional units within the District and Department. The PIO prepares news releases and responds to the public, media, elected officials, and internal inquiries regarding Storm Water issues. The PIO organizes and conducts groundbreaking and opening ceremonies, incorporating into the ceremony Storm Water public information. The PIO also composes and publishes articles for internal publications, briefing papers, news releases, technical journals, and in-house newsletters focused on Storm Water public outreach, as well as creating a wide variety of graphic materials for media presentations, brochures, public hearings, and court exhibits.

The Public Information Officer develops and maintains effective relationships with all media serving Inyo County, Mono County, and the eastern portion of Kern County, and will ascertain current Storm Water status information by attending formal project meetings and through direct ongoing contact with cross functional managers.

### ***Encroachment Permits Coordinator***

The Office of Permits is responsible for issuing permits within Inyo, Mono, and eastern Kern County to local agencies, utility companies, and others who desire to encroach into the Department's right-of-way for conducting construction, maintenance, or other activities consistent with their organization. The Permits Coordinator is responsible for ensuring that the District Office of Permits complies with the Permit, SWMP, and RWP. The Permits Coordinator ensures that all permits issued to those encroaching into the Department's right of way comply with the Permit in a manner that is consistent with what is required of Maintenance, Construction, and Design.

In compliance with Permit Section M.10.b, the following individuals/positions listed in Table 2–2 are authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Storm Water Program.

All of Caltrans District 9 is within the jurisdiction of the Lahontan Regional Water Quality Control Board (RWQCB). An organizational chart for the Lahontan Region's Storm Water responsibilities is shown in Figure 2–1. Staff members responsible for implementing the SWMP within the RWQCB jurisdiction are listed in Table 2–1. Delegation of signatory authority for key Permit/SWMP required documents is included in Table 2–2.

**Table 2–1: District 9 Department Storm Water Personnel and Responsibilities**

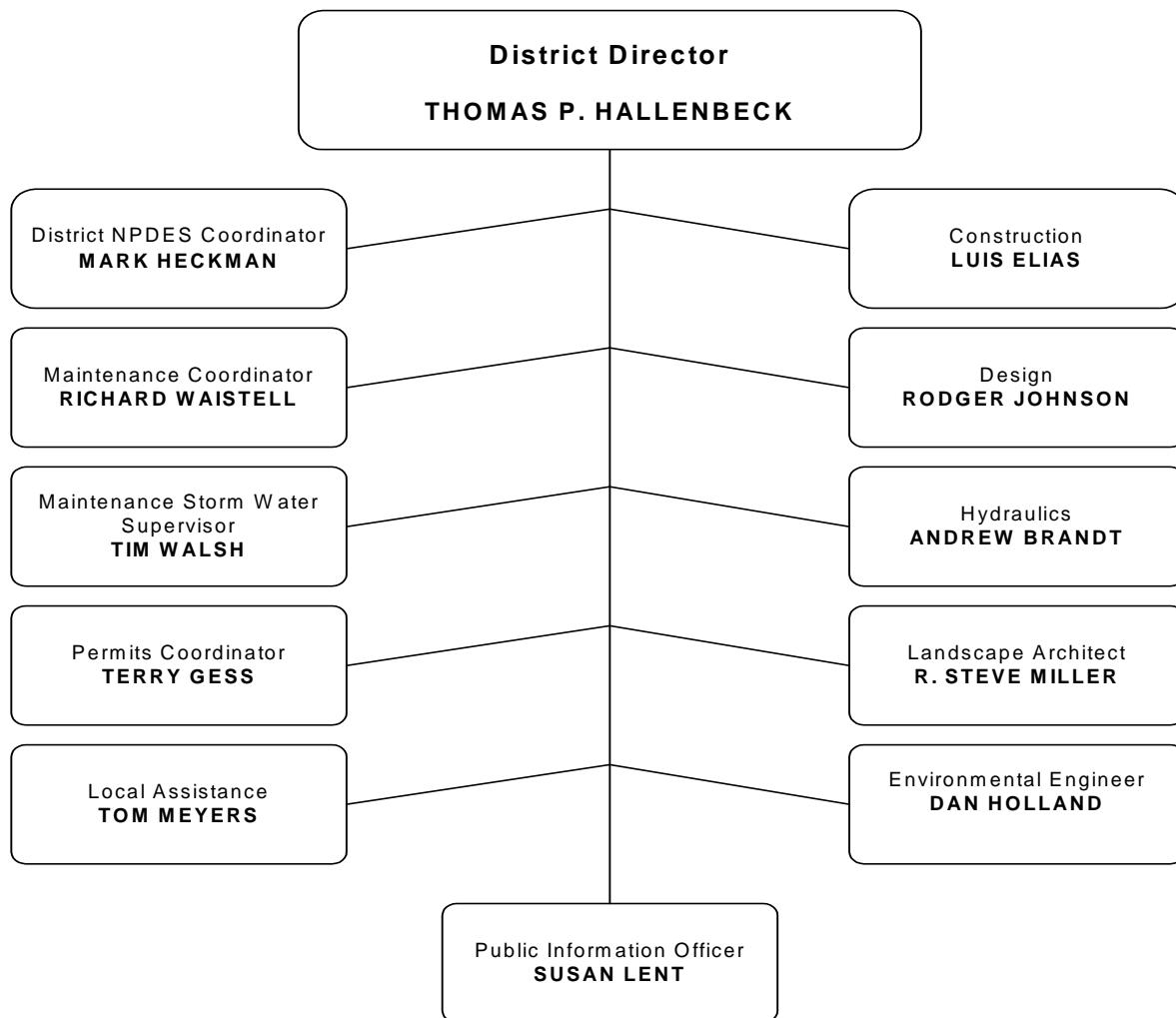
<b>Staff Name</b>	<b>Title</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Responsibility</b>
Mark A. Heckman	NPDES Storm Water Coordinator	(760) 872-0734	Mark_Heckman@dot.ca.gov	Primary contact for all storm water issues within District and HQ.
Richard Waistell	Maintenance Storm Water Coordinator	(760) 872-0675	Richard_Waistell@dot.ca.gov	Primary contact for all Maintenance issues within the District.
Tim Walsh	Maintenance Storm Water Supervisor	(760) 872-0631	Tim_Walsh@dot.ca.gov	Secondary contact for Maintenance issues within the District.
Terry Gess	Permits Storm Water Coordinator	(760) 872-0790	Terry_Gess@dot.ca.gov	Primary contact for Permits issues.
R. Steve Miller	Landscape Architect Storm Water Coordinator	(760) 872-0784	R_Steve_Miller@dot.ca.gov	Primary contact for Landscape issues within the District.
Rodger Johnson	Design Storm Water Coordinator	(760) 872-0645	Rodger_Johnson@dot.ca.gov	Primary contact for Design within the District.
Dan Holland	Environmental Storm Water Coordinator	(760) 872-3021	Dan_Holland@dot.ca.gov	Primary contact for project specific issues within the District.
Andrew Brandt	Hydraulic Engineer	(760) 872-8036	A_Andrew_Brandt@dot.ca.gov	Primary contact for a hydraulic issues within the District.
Susan Lent	Public Affairs Storm Water Coordinator	(760) 872-0603	Susan_Lent@dot.ca.gov	Primary contact for public information inquiries within the District.
Luis Elias	Construction Storm Water Coordinator	(760) 872-5251	Luis_Elias@dot.ca.gov	Primary contact for Construction issues within the District.

**Table 2–2: District 9 Signatory Authority for Key Documents**

<b>Position or Individual</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Documents Authorized for Signatures</b>
Tom Hallenbeck	(760) 872-0602	Tom_Hallenbeck@dot.ca.gov	All District Documents
Brad Mettam	(760) 872-0691	Brad_Mettam@dot.ca.gov	All District Documents except Regional Work Plan
Craig Holste	(760) 872-3143	Craig_Holste@dot.ca.gov	All District Documents except Regional Work Plan
District 9 Resident Engineer	(760) 872-5251		SWPPP, Notice of Construction (NOC), Notice of Construction Completion (NCC), Discharge or Threat of Discharge Notification
Mark Heckman	(760) 872-0734	Mark_Heckman@dot.ca.gov	Notice and Report of Non- Compliance and Report of Illicit Connection/Discharge (IC/ID)
Richard Waistell	760-872-0675	Richard_Waistell@dot.ca.gov	Facility Pollution Prevention Plans (FPPP)

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***District 9***  
***Organizational Chart for the Storm Water Program***





### 3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within this District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3–1. Maps showing the District boundaries, major roads and highways within the Lahontan RWQCB jurisdiction are presented in the accompanying Figure 3–1.

**Table 3–1: District 9 Facilities**

CO	Route	PM	Name	Comments
<b>Maintenance Stations</b>				
Inyo	006	0.13	Bishop	Highway Maintenance 1250 Spruce Street Bishop, CA 93514
Inyo	127	14.7	Shoshone	Highway Maintenance Jct SR 127 and SR 178 Shoshone, CA 92384
Inyo	190	107.4	Death Valley	Highway Maintenance 2.5 miles East of Furnace Creek on SR190 Death Valley, CA 92328
Inyo	395	73.8	Independence	Highway Maintenance 665 N. Edwards Independence, CA 93526
Kern	058	112.3	Mojave	Highway Maintenance 2211 Nadeau St. Mojave, CA 93501
Kern	178	92.0	Inyokern	Highway Maintenance .5 miles West of Inyokern on SR178 Inyokern, CA 93527
Kern	202	10.5	Tehachapi	Highway Maintenance 320 W. Tehachapi Blvd. Tehachapi, CA 93561
Mono	395	18.0	McGee Creek	Highway Maintenance 35 miles N of Bishop on Hwy 395 Mammoth Lakes, CA 93546
Mono	395	34.2	Crestview	Highway Maintenance 48 miles N of Bishop on Hwy 395 Bishop, CA 93517
Mono	395	51.6	Lee Vining	Highway Maintenance Hwy 395 Lee Vining, CA 93541
Mono	395	76.0	Bridgeport	Highway Maintenance .5 miles South of Bridgeport-Shop Rd. Bridgeport, CA 93517
Mono	395	93.8	Sonora Junction	Highway Maintenance 17 miles north of Bridgeport on Hwy 395 Bridgeport, CA 93517




CO	Route	PM	Name	Comments
<b>Vista Points</b>				
Mono	395	4.1	Sherwin Grade	South Bound
Mono	395	4.7	Sherwin Grade	North Bound
Mono	395	62.5	Conway Summit	
<b>Commercial Vehicle Enforcement Facilities</b>				
Inyo	395	111.3	Warm Springs	CHP Tow-in-scale location
Kern	058	81.0	Keene	
Kern	058	105.5	Cache Creek	
Mono	395	116.9	Topaz Lake	CHP Tow-in-scale location
<b>Roadside Rest Areas</b>				
Inyo	395	R17.7	Coso Junction	17 mi. S of Jct. Route 395/190
Inyo	395	R83.9	Division Creek	10 mi. N of Independence
Kern	058	139.0	EB Boron	27 mi. E of Mojave
Kern	058	139.0	WB Boron	27 mi. E of Mojave
Mono	395	32.4	Crestview	1.6 mi. S of Crestview
<b>Park and Ride Facilities</b>				
Kern	178	103.8	Ridgecrest	NW corner of Richmond Rd
<b>Sand and Salt Staging Areas</b>				
Inyo	395	56.0	Lone Pine	Sand Storage
Kern	058	90.72	Tehachapi	Sand and Salt Storage
Mono	203	2.2	Minaret	Sand and Salt Storage
Mono	395	3.2	Sherwin Grade	Sand and Salt Storage
Mono	395	63.6	Conway Summit	Sand and Salt Storage
<b>Snow Storage Sties</b>				
Mono	158	1.0	June Lake	Snow storage site
Mono	158	2.8	June Lake	Snow storage site
Mono	395	76.8	Bridgeport	Snow storage site
<b>Toll Road and Bridge Plazas</b>				
			NONE	

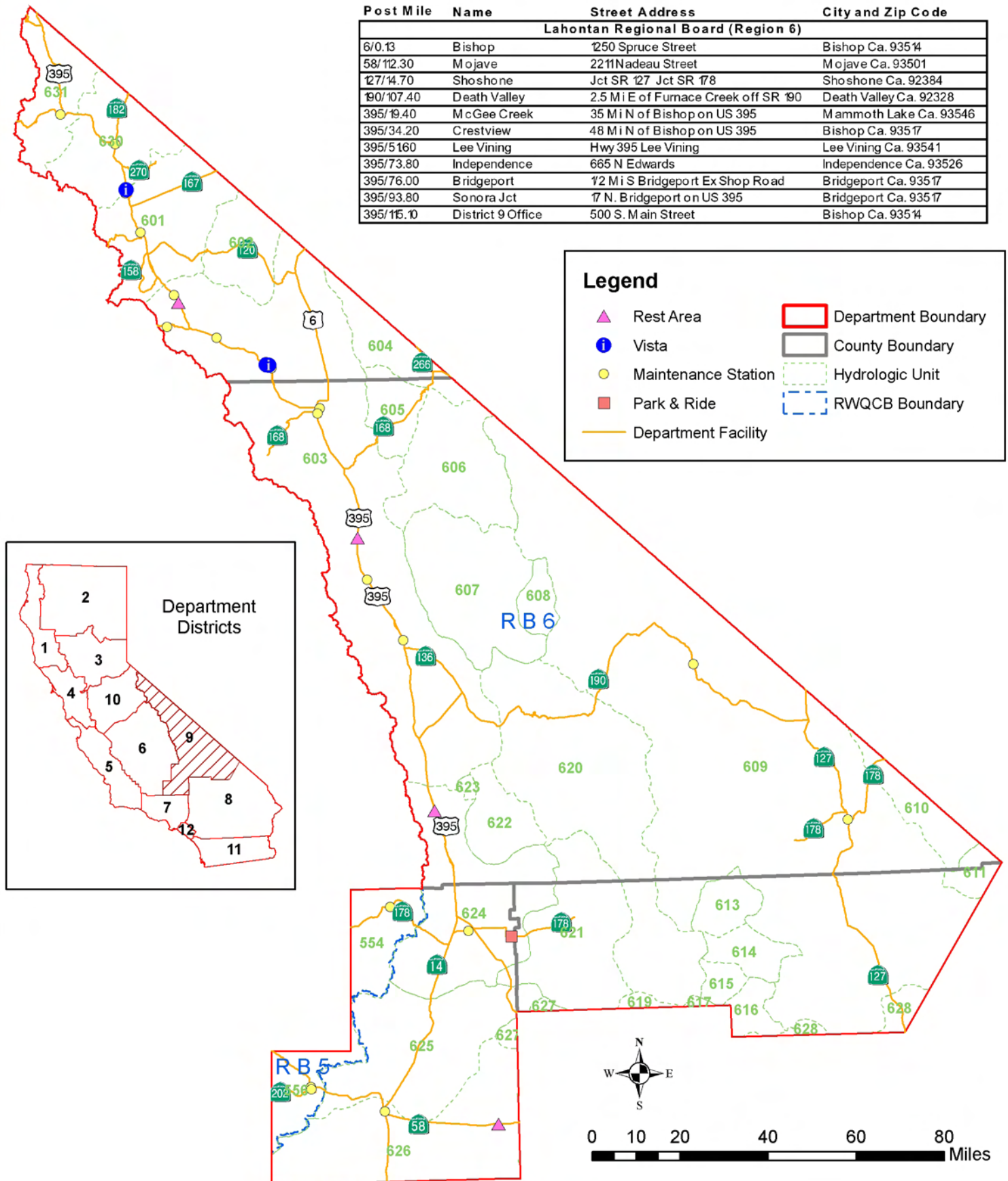
Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP.

## Maintenance Station Addresses

Route/ Post Mile	Name	Street Address	City and Zip Code
<b>Lahontan Regional Board (Region 6)</b>			
6/0.13	Bishop	1250 Spruce Street	Bishop Ca. 93514
58/112.30	Mojave	2211 Nadeau Street	Mojave Ca. 93501
127/14.70	Shoshone	Jct SR 127 Jct SR 178	Shoshone Ca. 92384
190/107.40	Death Valley	2.5 Mi E of Furnace Creek off SR 190	Death Valley Ca. 92328
395/19.40	McGee Creek	35 Mi N of Bishop on US 395	Mammoth Lake Ca. 93546
395/34.20	Crestview	48 Mi N of Bishop on US 395	Bishop Ca. 93517
395/51.60	Lee Vining	Hwy 395 Lee Vining	Lee Vining Ca. 93541
395/73.80	Independence	665 N Edwards	Independence Ca. 93526
395/76.00	Bridgeport	12 Mi S Bridgeport Ex Shop Road	Bridgeport Ca. 93517
395/93.80	Sonora Jct	17 N. Bridgeport on US 395	Bridgeport Ca. 93517
395/115.10	District 9 Office	500 S. Main Street	Bishop Ca. 93514

### Legend

-  Rest Area
-  Vista
-  Maintenance Station
-  Park & Ride
-  Department Facility
-  Department Boundary
-  County Boundary
-  Hydrologic Unit
-  RWQCB Boundary



**Figure 3-1**  
District 9 RWQCB and H.U. Boundaries

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## **4.0 HIGH-RISK AREAS**

This section describes and identifies locations where spills from the Department's owned ROW, activities, roadways, or facilities can discharge directly to a municipal or domestic water supply reservoir or a ground water recharge (percolation) facility. Projects that potentially drain to these areas consider project features that enhance spill response.

A list of high-risk areas within District 9 is presented in Table 4-1. High-risk areas (defined in the Section E.2 of the Permit) are areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the RWQCB and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities, the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department's facility, use characteristics of the facility, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

### ***Goals and Commitments***

The District has been committed to maintaining the quality of water within the June Lake area for decades by constructing specialized drain inlets along SR 158 that capture and hold road cinders from our snow operations. This reduces the amount of cinders that enter any water body. When winter is over, these drain inlets are then cleaned out and all the cinders are removed from the area.

### ***Coordination and Partnerships***

As required from the SWMP and the Statewide Permit, all projects-not just projects within a high risk areas-are required to have a Notice of Construction (NOC) provided directly to the Lahontan RWQCB staff when a project is put out to bid or has received a bid. The local RWQCB also has the option of requesting a SWPPP for the project during any phase of construction. When a SWPPP is requested by the RWQCB comments and suggestions for its improvement are considered by the resident engineer and Caltrans will attempt to make every effort possible to implement the most effective measures to meet both Caltrans and RWQCB concerns. Upon completion of a project by Caltrans, the Notice of Construction Completion is sent to Lahontan for their acknowledgment of receipt.

Additionally, the Department has been cooperating with other resource agencies since the early 1970's when both CEQA and NEPA became law. During the required public review,

process input from both public agencies and private citizens can dictate a project's outcome and this involvement constitutes Caltrans' coordination efforts.

### ***Documents and Reports***

District 9 has developed a "Spill Contingency Plan" that is utilized by Maintenance in the case of accidental spills throughout the District, in addition to the High Risk Areas.

The Maintenance Department has also developed the Integrated Maintenance Management System (IMMS) that details the number of employee work hours, the type of equipment used, and the amount and type of materials used within the right of way adjacent to the High-risk area.

All design engineers have copies the Department's Project Planning and Design Guidelines (PPDG) that detail the process and selection of BMP's within High-Risk areas.

### ***Educational Efforts***

In the case of hazardous materials, all of the Department's personnel who handle hazardous materials are thoroughly trained in the response and cleanup of the State's right of way.

Within the Design branch, all design engineers are thoroughly trained in the use of the PPDG, which ensures that the proper BMP's are put in place within the high-risk area.

The District strives to educate the public about the importance of reducing litter throughout the State and on the highways. This is best emphasized by Caltrans' "Don't Trash California" anti-litter campaign that has been in force since 2002. The District hopes to spread the message even further by installing "Don't Trash California" trashcans at all public rest areas within the District. The storm water staff intends to engage the public at a number of special events throughout the year, especially the two county fairs during the summer. Numerous anti-litter commercials will be on air throughout the year. In addition, the District hopes to be an active participant at local school events that will emphasize an anti-litter/pollution message.

**Table 4–1: District 9 High-Risk Areas**

<b>Road Segment/ Facility</b>	<b>County</b>	<b>High-Risk Area</b>	<b>Description</b>	<b>Comments</b>
SR 158, PM 2.3 to 3.3	Mono	June Lake System	Used as a domestic water supply during peak use periods only. Accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Evaluation of appropriate and cost effective BMPs used during projects will be considered as required.
SR 158, PM 3.3 to 14.4	Mono	June Lake Down Canyon	Used as a domestic water supply during peak use periods only. Accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Evaluation of appropriate and cost effective BMPs used during projects will be considered as required.

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## 5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided each April. Table 5–1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “DSA”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project limits are within a “High Risk Area,” designated as “HRA”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5–1 is intended to facilitate early RWQCB staff input in the project-planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5–1.

Table 5–2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality; it provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s). Department DNCs or Maintenance Storm Water Coordinators will coordinate with the appropriate RWQCBs to discuss maintenance activities listed in the RWP.

Table 5–3 summarizes various program management activities that are part of the storm water pollution prevention program.

## ***Goals and Commitments***

The Public Affairs Department is hoping to acquire a new, more efficient color printer so it can produce educational materials with faster turnaround time.

The Encroachment Permits Department is hoping to improve the efficiency of compiling and retrieving stormwater permit documents by upgrading their filing system.

The District continues to monitor the outflow of the drainage within unincorporated community of Lee Vining.

## ***Coordination and Partnerships***

District 9 is unique because this District has only five incorporated cities within its boundaries; none of which constitute an MS4. Additionally, the Department has been cooperating with other resource agencies since the early 1970's when both CEQA and NEPA became law. During the required public review process, input from both public agencies and private citizens can dictate a project's outcome and this involvement constitutes Caltrans' coordination efforts.

## ***Documents and Reports***

District 9 has developed a "Spill Contingency Plan" that is utilized by Maintenance in the case of accidental spills throughout the District, in addition to the High Risk Areas.

The Maintenance Department has also developed the Integrated Maintenance Management System (IMMS) that details the number of employee work hours, the type of equipment used, and the amount and type of materials used within the right of way adjacent to the High-risk area.

All design engineers have copies the Department's Project Planning and Design Guidelines (PPDG) that detail the process and selection of BMP's within High-Risk areas.

## ***Educational Efforts***

The District takes every opportunity to educate the public about the importance of preventing litter from entering the State's waterways. Currently, all state facilities and roads within the District contain the message "No Dumping: Drains to River" above the drain inlets. The District has for three continuous years aired the "Don't Trash California" commercials on local television and radio stations and the message has been heard by thousands of people; this program is slated to be continued through the 2006-2007 fiscal year.

The District intends to develop a design for trash receptacles that will have the "Don't Trash California" message permanently affixed to and then placed within all the Safety Roadside Rest Areas. By doing this, the District hopes that the message will be long lasting and should be viewed by hundreds of thousands of people each year.

**Table 5–1: District 9 Anticipated Project Development/Construction Schedule**

**SWMP Category	EA #	Co.	Route	PM (Begin- End)	Description	Water Bodies Impacted by Project	Land Disturbance Acreage	Criteria*	Anticipated Project Delivery Schedule		Construction Period	
									PA&ED Date	PS&E Date	Start Date	Completion Date
B	09-29690_	INY	190	28.8/33.0	Drainage improvement near Keeler from 6.8 KM East Junction Rte 136 to 2.7 KM West Talc City Rd (KPX046.3-X053.1)	Centennial Wash		DSA 401	9/08	6/09	1/10	11/10
C	09-21480_	INY	395	70.3/76.1	Widen to 4-lane expressway near <u>Independence</u> from 4.3 KM South Mazourka Canyon Rd to 1.0 KM North Shabbell Lane (KPX113.1/X122.8)	Symmes Creek, Independence Creek		DSA	6/04	7/07	12/07	1/10
C	09-21460_	INY	395	77.3/91.6	Widen to 4-lane expressway near Independence ( <u>Blackrock</u> ) from 0.3 KM North to North Fort Rd to 0.2 KM South of Elna Rd (KPX124.4/X147.4)	LA Aqueduct, Sawmill Creek, Goodale Creek, Division Creek, Taboose Creek	51 HA	DSA 401 303(d) (Goodale Creek)	1/04	4/06	9/06	11/08
D	09-30150_	INY	395	84.0	Rehab existing rest area near Independence at Division Creek Roadside Rest (KPX135.2)	Division Creek		DSA 401	3/03	2/05	10/05	11/06
B	09-26900	MNO	395	R0/R6.9	Roadway Rehab			DSA	11/04		11/06	11/08
B	09-25800	INY	395	117.8/122.4	Ed Powers Rehab-Recycle, widen shoulders, AC overlay.	McGee Creek		DSA	8/05	8/07	2/08	10/08
B	09-21340	INY	395	30.8/41.8	Construct 4-lane expressway ( <u>Olancha</u> ).	LA Aqueduct & Cartago Creek		DSA	1/15	1/18	10/18	11/21
D	09-29550	INY	395	R0.0/R8.6	Widening, curve realignment, overlay.			401	10/03	3/05	8/05	11/06
C	09-21440_	INY	395	R65.2/R71.2	Widen to 4-lane expressway near Independence ( <u>Manzanar</u> ) from 0.6 KM South of LADWP Aqueduct Bridge # 48-14 to 2.9 KM South of Mazourka Canyon Rd (KPX104.9/114.6)	George Creek, Bairs Creek, Shepard Creek, LA Aqueduct		DSA 401	5/04	7/07	4/08	1/10
B	09-26350_	MNO	0	L5705	Construct new maintenance station at Crestview; Mono 395 PM 32.4			DSA	7/09	1/10	6/10	6/12

**Table 5–1: District 9 Anticipated Project Development/Construction Schedule**

<b>**SWMP Category</b>	<b>EA #</b>	<b>Co.</b>	<b>Route</b>	<b>PM (Begin- End)</b>	<b>Description</b>	<b>Water Bodies Impacted by Project</b>	<b>Land Disturbance Acreage</b>	<b>Criteria*</b>	<b>Anticipated Project Delivery Schedule</b>		<b>Construction Period</b>	
									<b>PA&amp;ED Date</b>	<b>PS&amp;E Date</b>	<b>Start Date</b>	<b>Completion Date</b>
B	09-30700	MNO	108	0.0/15.0	Sonora Drainage IV-Drainage Improvements near Sonora Junction from Toulumne County line to Junction Route 395	Sardine Creek, Leavitt Creek, West Walker River		401	6/03	12/06	5/07	11/05
B	09-23770_	MNO	395	117.9/119.4	Realign & curve correction near Topaz (High Point) from 1.4 KM North Rte 89 to 0.8 KM South of Nevada Stateline (KPX189.7/192.2)	Topaz Lake		DSA 303(d)	9/07			
B	09-28010	MNO	395	109.7/114.7	Topaz-Larsen Turn Lane-Construct left turn pocket near Coleville from .5 KM south of Larsen Lane to 1.0 KM north of Topaz Lane			DSA	12/03	12/06	5/07	10/07
B	09-31660	INY	395	R8.5/R11.8	Roadway Rehabilitation	Little Lake	10 HA	303(d)	2/06	7/07		

### Table 5-1 Legend

\*SWMP Category is defined in Statewide Storm Water Management Plan (SWMP) Section 4.4.1, Table 4-3,

- |     |   |
|-----|---|
| (A) | Beginning of project development process prior to approval of the PSR (Project Study Report)              |
| (B) | PSR approved, but environmental documents are not final   |
| (C) | Environmental documents final   |
| (D) | Environmental documents final, designs complete and project in the construction phase of project delivery |

Note: The most updated SWMP is dated insert new SWMP date. Therefore, the SWMP Categories A, B, C, and D are selected for the projects between the five years period of Year to Year from PID to CCA.

#### \*\*Criteria:

- |      |  |
|------|--|
| DSA  | = Disturbed Soil Area is greater than 5 acres                            |
| 303d | = 303(d) listed water body within project limits and affected by project |
| 401  | = 401 Certification/waiver required                                      |
| HR   | = High Risk (Project limit within a high-risk area)                      |

#### Key:

- |              |   |
|--------------|---|
| EA           | = Expenditure Authorization   |
| CO-RTE-PM    | = County / Route / Post Mile  |
| SWPPP / WPCP | = Storm Water Pollution Prevention Plan / Water Pollution Control Program |
| Water Body   | = Water body impacted by project  |
| RB           | = Regional Water Quality Control Board                                    |
| PID          | = Project Initiation Document   |
| PA/ED        | = Project Approval / Environmental Document                               |
| PS&E         | = Plans, Specifications, and Estimates                                    |
| RTL          | = Ready to List   |
| CCA          | = Construction Completion Acceptance                                      |
| SEP          | = Supplemental Environmental Project                                      |
| Retro        | = Storm Water Retrofit Project (SWMP Section 4.4.2)                       |

**Note:** All projects that do not require a SWPPP will require a WPCP.

<b>Table 5–2: District 9 Anticipated Maintenance Activities and Other Management Practices</b>							
<b>County</b>	<b>Route</b>	<b>PM</b>	<b>Description</b>	<b>Water Bodies Affected</b>	<b>Criteria (2)</b>	<b>Start Date</b>	<b>Completion Date</b>
<b>Significant Road Maintenance Activities (1)</b>							
Inyo	168	15.0-17.0	Overlay	Bishop Creek	DSA	4/06	5/06
Mono	395	6.0-12.0	Chip Seal	Rock Creek	DSA	08/06	09/06
Mono	395	50-55.7	Chip Seal	Lee Vining Creek & Mono Lake	DSA	07/06	07/06
<b>Maintenance Facility and Activity Inspections</b>							
<p>Activity Inspections will be conducted annually as described in the SWMP. Deficiencies will be so noted, corrections or repairs will be done.</p> <p>The District Storm Water Coordinator schedules all 12 Maintenance Facilities for annual inspections. In the Storm Water coordinators absence the Maintenance Storm Water Supervisor will conduct and document the inspections.</p>							
<b>Maintenance Facility BMP Improvements</b>							
Review Maintenance Stations and activities with Supervisors on an on-going basis; share examples of BMP's that work well, are easy to install, and are cost effective. Items found to require corrections will be requested and/or purchased.							
<b>Maintenance BMP Actions/Modifications</b>							
<p>Review Maintenance Stations and Operations with Supervisors and implement new BMP technologies, as they become available.</p> <p>Review new and approved BMP's as they become available and implement as appropriate.</p> <p>Review existing BMP's and modify as needed.</p>							
<b>Vegetation Management and Vegetated Slope Management</b>							
<p>Seed storage at Bishop (erosion control program).</p> <p>The District's Vegetation Control Plan (VCP) for FY 2006/2007 is under development. The goal of the District's 06-07 VCP is to minimize the discharge of chemicals to receiving waters by reducing chemical use for vegetation control. The district VCPs are under development at this time. They include the following:</p> <ul style="list-style-type: none"> <li>• Type of chemical to be applied.</li> <li>• Applications locations, widths, total acres applied, frequency, and amount totals.</li> <li>• Reason for application.</li> </ul> <p>The District will be reviewing the mechanical vegetation control to verify either the addition or reduction of acres which to mow.</p> <p>The District's Slope Inspection Team uses the Slope Inspection Form (further discussed in Annual Report Section 5.2.3) that is used to inspect all roadside vegetated slopes over the course of 5 years.</p> <p>The following table summarizes the Slope Inspection schedule for the 2006-2007 Fiscal Year.</p>							

<b>Centerline (lane) Miles</b>	<b>Route/PM</b>	<b>County</b>	<b>Inspection Schedule</b>	<b>Remediation Action Planned</b>
15.8	168 PM 0-15.8	Inyo	2006 Spring/Summer	To be detailed upon completion
115.1	395 PM 0-115.1	Inyo	2006 Spring/Summer	To be detailed upon completion
58.9	120 PM 0-58.9	Mono	2006 Spring/Summer	To be detailed upon completion
15.7	158 PM 0-15.7	Mono	2006 Spring/Summer	To be detailed upon completion
21.3	167 PM 0-21.3	Mono	2006 Spring/Summer	To be detailed upon completion
8.6	203 PM 0-8.6	Mono	2006 Spring/Summer	To be detailed upon completion

**Table 5-2 Legend**

- (1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.
- (2) Criteria:
  - 401 = 401 Certification/Waiver required
  - DSA = Disturbed Soil Area is greater than 5 (5) acres
  - 303d = 303 (d) listed water body within project limits and affected by project
  - SEP = Supplemental Environmental Project
  - Retro = Storm Water Retrofit Project (SWMP Section Update with correct section #)
  - HR = Project limits within High Risk Area
  - RB = RWQCB designated project as a potential threat to water quality

<b>Table 5–3: District 9 General Management Practices</b>
<b>Monitoring Activities</b>
Monitoring activities will be conducted in accordance with the Statewide Monitoring Program on an as needed basis. The District continues to monitor the Storm Water outflow at Lee Vining Maintenance Station.
<b>Construction Compliance Monitoring Program</b>
Construction activities are inspected through the Construction Compliance Monitoring Program and the monitoring results are provided in the annual report. Initiated sampling and analytical plans for construction.
<b>Training and Public Outreach</b>
BMP training is given every 10 days to the maintenance crew by the MTCE supervisor at the local facility, during Maintenance’s “Safety Tailgate” Meetings. Formal BMP training is provided to maintenance crews once a year by the District Storm Water staff in the field on a regional basis. Salt and cinder calibration training will be provided to the maintenance crew on an annual basis to train employees on how to operate the sander/spreader controls. P.P.D.G. training will be given to Design personnel on an as needed basis. Construction storm water BMP training will be given on an as needed basis. The District will promote the Storm Water program by advertising the “Don’t Trash California” media campaign on the local radio and TV stations, as funding permits. The District will attempt at least one person-to-person public outreach campaign at local events within the District, as funding permits. Additionally, the District hopes to install trash receptacles with the “Don’t Trash California” emblem embedded on it within all of the District’s Roadside Rest Areas. Details of the District’s accomplishments will be provided in the Department’s Annual Report.
<b>Municipal Coordination</b>
Coordination with Inyo, Mono Counties, the local resource agencies, as well as the local Native American tribes is continuous throughout all phases of Caltrans’ projects. Storm water concerns and related projects that are located within the cities of Bishop, Mammoth Lakes, Ridgecrest, Rosamond, Tehachapi, and the Community Service Districts of the District’s unincorporated towns are developed with their input and assistance. Proponents of local developments are aware of Caltrans’ storm water concerns through the Inter-Governmental Review/CEQA process. The Regional Workplan submittal to Lahontan RWQCB that outlines the District’s upcoming activities for the fiscal year is another aspect of our municipal coordination within the stormwater program. Caltrans and Death Valley National Park meet bi-annually to discuss project-related matters that often include storm water projects.
<b>TMDL Coordination</b>
At this time, the District has no TMDLs that affect the State Highway facility.
<b>Storm Water Data Report (SWDR)</b>
In compliance with the Statewide Design Compliance Monitoring program, the District prepares SWDRs for all projects. Engineers, environmental, and storm water staff evaluate all projects for opportunities to include permanent Best Management Practices (BMPs) in accordance with design guidelines.



Table 5–3: District 9 General Management Practices
Encroachment Permit
<p>The District exercises its authority to enforce storm water requirements by imposing conditions in the encroachment permit. General provision #17 states, “CARE OF DRAINAGE: Permittee shall provide alternate drainage for any work interfering with an existing drainage facility in compliance with the Standard Specifications, Standard Plans and/or as directed by the Department’s Representative.” Additionally, encroachment permits continue to incorporate the following storm water language for all new applicants when necessary, “If applicable, storm water best management practices will be in place during the construction phase of the encroachment permit.”</p>